

# RICE SEEDS DEVELOPMENT IN NORTH SUMATERA

## SUPPLY AND DEMAND CERTIFIED RICE SEEDS IN NORTH SUMATERA

**21.31%**  
Supply  
**78.69%**  
Demand



Total rice seed demand every year  
**37,526 tons**

Availability of seeds every year  
**8,000 tons**



Gap of seed supply every year  
**29,526 tons**

**Business Opportunities**  
To produce  
**29,526 tons**  
extension seeds



Valued  
**EUR 17,715,600**

### SEED PRODUCTION



Total areas needed for seed production every season  
**2,345 ha**



**Seed growers**  
**48** existing  
**30** additional plasma  
**1,172** farmers



**Rice planting areas**  
**750,527 ha**



**Rice seed use** every hectare  
**25-30 kg**



**Total of rice farmer**  
**1,501,054** HH Rice Farmers  
**6,004,216** family members



**Productivity** every hectare  
**6.5 tons**  
**Production of Paddy** every year  
**4,878,425 tons**

### PROFIT



North Sumatera total population  
**13,284,386**



Rice **consumption** every year  
**139 kg** each capita  
**Total consumption** every year  
**1,841,525 tons**



**Production of rice** every year  
**2,927,005 tons**



**Production surplus** of rice every year  
**1,085,530 tons**  
valued  
**EUR 723,686,667**

### BRIA TECHNOLOGY



Seed treatment



Row spacing technology  
(Legowo planting method)



Soil test kits technology



Integrated pest management technology

